

AMENDMENTS

In the Claims:

1. (Currently Amended): A method of screening for compounds which inhibit proliferation of cells selected from the group consisting of vascular cells and neoplasia cells, the method comprising: ~~determining the ability of~~

(a) selecting a putative compound which is found to inhibit induction of Egr-1, decrease expression of Egr-1 or decrease the nuclear accumulation or activity of the Egr-1 gene product;
and

(b) assessing the ability of the putative compound to inhibit proliferation of cells selected from the group consisting of vascular cells and neoplasia cells.

2. (Previously Amended): The method of claim 1, wherein the method is performed *in vitro*.

3. (Cancelled)

4. (Previously Added): The method of claim 1, wherein the vascular cells are smooth muscle cells.

5. (Previously Added): The method of claim 2, wherein the vascular cells are smooth muscle cells.

6. (Previously Added): The method of claim 1, wherein the vascular cells are endothelial cells.

7. (Previously Added): The method of claim 2, wherein the vascular cells are endothelial cells.

8. (Previously Added): The method of claim 1, wherein the cells are neoplasia cells.

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9. (Previously Added): The method of claim 2, wherein the cells are neoplasia cells.
